Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53

Typed or printed name

Signature

PTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031

		Application Number	09/925,009		
TRANSMITTAL		Filing Date	August 9, 2001		
FORM		First Named Inv ntor	Victor VERBINSKI, et al.		
to be used for all correspondence after init	ial filing)	Group Art Unit	2878		
Ų.		Examiner Name	Not Yet Assigned		
Total Number of Pages in This Submission	7	Attorney Docket Number	SAIC0055-C-CIP-C		
	ENCLO	OSURES (check all that apply)			
Fee Transmittal Form		ment Papers Application)	After Allowance Communication t		
Fee Attached	Drawin	g(s)	Appeal Communication to Board o Appeals and Interferences		
Amendment / Response	Licensi	ng-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final	Petition	1	Proprietary Information		
Affidavits/declaration(s)		n to Convert to a onal Application	Status Letter		
Extension of Time Request		of Attorney, Revocation e of Correspondence Address	Other Enclosure(s) (please identify below):		
	Termin		Substitute Declaration (6 pp		
Express Abandonment Request	Reque	st for Refund			
	П <u>о</u> в м	unch an of CD(a)	l C		
Information Disclosure Statement	LI CD, NU	mber of CD(s)			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT									
Firm or ndividual name	27 77	150			, Washington, DC 20005				
Signature			Ω	n					
Date /			70	0					
····	_ 	CEDTIEICAT	OF MAIL I	NG					

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope

addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Date

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to res

SUPPLEMENTAL **DECLARATION FOR UTILITY OR DESIGN** PATENT APPLICATION (37 CFR 1.63)

Attorney Docket Number	SAIC0055-C-CIP-C	Δ
First Named Inventor	Victor V. VERBINSKI, et al	
COMPLET	E IF KNOWN	Man City
Application Number	09/ 925,009	園だった
Filing Date	August 9, 2001	Jy 2000
Group Art Unit	2878	
Examiner Name	Not Yet Assigned) ROOM

As a below named inventor, I hereby declare that:											
My residence, post office address, and citizenship are as stated below next to my name.											
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:											
DENSITY DETECTION USING REAL TIME DISCRETE PHOTON COUNTING FOR FAST MOVING TARGETS											
the specification of	the specification of which (Title of the Invention)										
☐ is attached here	to.										
OR									n		
☑ was filed on (MN	N/DD/YYYY)	08/09/200	01		as United Sta	ates Ap	viplication Numbe	r or PCT Interr	ational		
Application Number	09/92	5,009	and w	as ammended	on (MM/DD/Y)	77)	08/09/200)1	(if applicable).		
	I hereby declare that the subject matter of the attached amendment amendment inled on was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.										
I hereby state that I ha any amendment speci			ınd the c	ontents of the a	above identified	d speci	fication, including	the claims, a	s amended by		
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the natural or PCT international filing date of the continuation-in-part application.											
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.											
Prior Foreign Appli Number(s)	cation	Countr	v	Foreign F (MM/D		N	Priority ot Claimed	Certified C	opy Attached?		
(0)				,							
					i						
Additional foreign	application n	umbers are li	sted on	a supplemental	priority data s	heet P	TO/SB/02B attac	hed hereto:			
I hereby claim the ben	efit under 35	U.S.C. 119(e) of any	United States	orovisional app	lication	n(s) listed below.	•			
Application	Number(s)		ı	Filing Date (Mi	W/DD/YYYY)						
numbers a						data sheet PT	a supplemental				

[Page 1 of 2]
Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL DECLARATION - UTILITY OR DESIGN PATENT APPLICATION

Direct all correspondence to: C				OR	⊠c	orrespondance address below			
Name George T. Marcou	•	•							
Address Kilpatrick Stockton LLP				-					
Address 607 14 th Street, NW, St	uite 900								
City				State		ZIP			
Washington				DC		2000	5		
Country	Telephone						Fax		
USA 202 508 5800 202 508 5858									
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF SOLE OR FIRST INVENTOR:									
Given			Fam	ily Name VERI	BINSKI				
Name Victor			or S	ırname					
							. <u></u>		
Inventor's Signature Date									
Residence: City	State		Country			Citizenship			
La Jolla	CA		USA				USA		
Mailing Address 8871 Cliffrid	lge Avenue, La	Jolla,	CA	92121	-				
	lge Avenue, La								
City State	<u> </u>	ZI			Country				
La Jolla CA			92121 USA						
NAME OF SECOND INVENTOR:				A petition has b	een filed fo	or this	s unsigned inventor		
Given			Far	nily Name SMI	TH				
Name Scott			1	Surname	•••				
Name Cook			" `	, a,					
Inventor's Signature			Dat	te					
Residence: City	State		Co	untry			Citizenship		
San Diego	CA		USA USA				USA		
Mailing Address 5345 Northridg	je Avenue, Sar	n Diego	o, CA	92117					
Mailing Address 5345 Northridg	je Avenue, Sar	n Diego	o, CA	92117					
City State			ZIP			Country			
San Diego CA			92117				i A		
					not(a) DTO	SBING	2A attached hereto.		



Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3

M++										
Name of Additional Joint Inventor, if any:	Y: A petition has been filed for this unsigned inventor									
Given Name (first and mid	Given Name (first and middle [if any]) Family Name or Surname									
Kenneth		Valentine (Deceased) Jud	lith Maxwell, Administrator for the Deceased							
Inventor's Judith Map	well, admi	nistrator	Date 11-19-2001							
Residence: City Glen Ellen	State CA	USA	USA Citizenship							
Mailing Address P. O. Box 151, Glen Ellen, CA 95442										
Mailing Address P. O. Box 151, Glen Ellen, CA 95442										
City Glen Ellen	CA State	95442 ZIP	USA							
Name of Additional Joint Inventor, if any		☐ A petition has been file	d for this unsigned inventor							
Given Name (first and mid	dle [if any])	F.	amily Name or Sumame							
Jeffrey		Adams								
Inventor's Signature			Date							
Residence: City San Marcos	State CA	Country USA	Citizenship USA							
Mailing Address 1280 Rock Spring	s Road, San Marcos, CA 92	2069								
Mailing Address 1280 Rock Spring	s Road, San Marcos, CA 92	2069								
City San Marcos	State CA	Zip 92069	Country USA							
Name of Additional Joint Inventor, if any:		A petition has been file	d for this unsigned inventor							
Given Name (first and mid	dle [if any])	F	amily Name or Surname							
Ryan		Shyffer	0							
Inventor's Signature			Date Citizenship USA							
Residence: City San Diego	State CA	Country USA	Citizenship USA							
Mailing Address 8624 Lepus Road	8624 Lepus Road, San Diego, CA 92126									
Mailing Address 8624 Lepus Road	San Diego, CA 92126									
City San Diego	State CA	Zip 92126	Country USA							

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUPPLEMENTAL DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Attorney D cket Number	SAIC0055-C-CIP-C								
First Named Inventor	Victor V. VERBINSKI, et al								
COMPLETE IF KNOWN									
Application Number	09/ 925,009								
Filing Date	August 9, 2001								
Group Art Unit	2878								
Examiner Name	Not Yet Assigned								

As a below named inventor, I hereby declare that:											
My residence, post office address, and citizenship are as stated below next to my name.											
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:											
listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: DENSITY DETECTION USING REAL TIME DISCRETE PHOTON COUNTING FOR FAST MOVING TARGETS: the specification of which (Title of the Invention) is attached hereto. OR ■ was filed on (MM/DD/YYYY) 08/09/2001 as United States Application Number or PCT International											
the specification of which	the specification of which (Title of the Invention)										
☐ is attached hereto.							3 1				
OR						•	7/				
☑ was filed on (MM/DD/YYY	Y) 08/09/2001		as United Sta	ites Ap	plication Number	er or PCT Intern	ational				
Application Number 09/	925,009	and was	ammended on (MM/DD/Y)	777)	08/09/20	01	(if applicable).				
I hereby declare that the subject was part of my or our invention a	matter of the and was invented				dment filed on ation, above ider	ntified for such i	nvention.				
I hereby state that I have review any amendment specifically refe		d the co	entents of the above identifie	ed spec	cification, includi	ng the claims, a	s amended by				
I acknowledge the duty to disclorance applications, material information international filing date of the continuous statement of the continuo	n which became a	available	between the filing date of the								
I hereby claim foreign priority be or 365 (a) of any PCT internation and have also identified below, be application having a filing date b	nal application whi	ich desig ox, any f	gnated at least one country oreign application for paten	other t	than the United S	States of Americ	a, listed below				
Prior Foreign Application Number(s)	Country		Foreign Filing Date (MM/DD/YY)	N	Priority ot Claimed	Certified Co	py Attached? NO				
		Country (MM/DD/TT) Not claimed YES NO									
Additional foreign application	numbers are list	ted on a	supplemental priority data s	sheet F	TO/SB/02B atta	ched hereto:	_				
I hereby claim the benefit under	35 U.S.C. 119(e)	of any U	Jnited States provisional ap	plicatio	n(s) listed below	<i>i</i> .					
Application Number(s)	Fili	ing Date (MM/DD/YYYY)			,					
O9/398,547 9/17/99 Additional provisional application numbers are listed on a suppriority data sheet PTO/SB/0 attached hereto						supplemental					

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL DECLARATION - UTILITY OR DESIGN PATENT APPLICATION

Direct all corresp	ondence to:		omer Number or Code Label			OR	☑ Correspondance	e address below	
Name	George T. Ma	rcou							
Address	Kilpatrick Stoc	kton LLP							
Address	607 14 th Stree	t, NW, Suite	900						
City					State		ZIP		
Washington					DC		20005		
Country		Te	elephone	phone Fax					
USA		20	2 508 5800				202 508 5858		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF SOL	E OR FIRST I	INVENTOR	:		A petition has be	een filed fo	or this unsigned in	ventor	
Given			_	Fa	mily Name VERE	BINSKI			
Name Vi	ctor			or	Surname				
Inventor's Signature 1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/									
Residence: City	1	·	State		ountry		Citizenship		
La Jolla			CA	U	SA	USA			
Mailing Address	s 8871	Cliffridge	Avenue, La Jol	la, CA	92121				
Mailing Address	s 8871	Cliffridge	Avenue, La Jo	la, CA	92121				
City		State		ZIP		Country			
La Jolla		CA		9212	1	USA			
NAME OF SEC	OND INVENT	OR:			A petition has bee	en filed fo	r this unsigned inv	entor	
Given				F	amily Name SMI	TH			
_	cott			1	or Surname				
		, -			· · · · · ·				
Inventor's Signature	Ro	th	ith	D	ate //////	/ 7/			
Residence: City	,	<u>-</u>	State	С	ountry		Citiz	enship	
San Diego CA USA USA									
Mailing Address					A1928X1 /3909			<u>San Dieg</u>	
Mailing Address	s \$345 No		weaue, San Die		AL924AT 1390	9 Barr	1	San Dieg	
City		State			CIP		Country		
San Di go		CA		-9	2447 92129		USA		
Additional i	nuantam am h	olna namod	on the 4 eventors	netal Ad	lditional Inventor(a) a	hoot(a) DT(O/CD/02A attached b	noroto	

Please type a plus sign (+) inside this box -

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>3</u> of <u>3</u>

							 				
Name of Additional Jo	int Inventor, if any:			☐ A petition has been filed for this unsigned inventor							
Given	Name (first and middle	e [if any])		Family Name or Surname							
Kenneth				Vale	entine (Decease	d) Judith M	laxwell, Administrator for the Deceased				
Inventor's Signature					····		Date USA Citizenship				
Residence: City	Glen Ellen	State	CA	Coun	USA		Citizenship				
Mailing Address P. O. Box 151, Glen Ellen, CA 95442											
Mailing Address P. O. Box 151, Glen Ellen, CA 95442											
City Glen Ellen		State	CA	ZIP	95442	Co	USA				
Name of Additional Jo	oint Inventor, if any:			☐ A petition has been filed for this unsigned inventor							
Given	Name (first and middle	e [if any])		Family Name or Surname							
Jeffrey				Adams							
Inventor's Signature	for the	1 As					///14/0)				
Residence: City	San Marcos	State	CA	Coun	ry USA		Citizenship USA				
Mailing Address	1280 Rock Springs I	Road, San Ma	arcos, CA 92	069							
Mailing Address	1280 Rock Springs I	Road, San Ma	arcos, CA 92	069							
City	San Marcos s	tate	CA	Zip	92069	Co	untry USA				
Name of Additional Jo	int Inventor, if any:			☐ A petition has been filed for this unsigned inventor							
Given	Name (first and middle	e [if any])		Family Name or Sumame							
Ryan		111		Shyffer							
Inventor's Signature	m S						Date /// 4/0/				
Residence: City	San Diego	State	CA	Count	ry USA		Citizenship USA				
Mailing Address	8624 Lepus Road, S	San Diego, CA	92126								
Mailing Address	8624 Lepus Road, S	San Diego, CA	92126								
City	San Diego	State	CA		Zip 92126	C	ountry USA				
	Given Kenneth Inventor's Signature Residence: City Mailing Address Mailing Address City Glen Ellen Name of Additional Jo Given Jeffrey Inventor's Signature Residence: City Mailing Address City Name of Additional Jo Given Ryan Inventor's Signature Residence: City Mailing Address Mailing Address Mailing Address Mailing Address	Residence: City Glen Ellen Mailing Address P. O. Box 151, Glen Mailing Address P. O. Box 151, Glen Mailing Address P. O. Box 151, Glen City Glen Ellen Name of Additional Joint Inventor, if any: Given Name (first and middle) Jeffrey Inventor's Signature Residence: City San Marcos Mailing Address 1280 Rock Springs City San Marcos San Marcos Name of Additional Joint Inventor, if any: Given Name (first and middle) Ryan Inventor's Signature San Diego Mailing Address Mailing Address	Given Name (first and middle [if any]) Kenneth Inventor's Signature Residence: City Glen Ellen Mailing Address P. O. Box 151, Glen Ellen, CA 99 City Glen Ellen State Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Jeffrey Inventor's Signature Residence: City San Marcos State Mailing Address 1280 Rock Springs Road, San Mailing Address 1280 Rock Springs Road, San Mailing Address City San Marcos State Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Ryan Inventor's Signature San Diego State Mailing Address 8624 Lepus Road, San Diego, CA San Diego	Given Name (first and middle [if any]) Kenneth Inventor's Signature Residence: City Glen Ellen State CA Mailing Address P. O. Box 151, Glen Ellen, CA 95442 Mailing Address P. O. Box 151, Glen Ellen, CA 95442 City Glen Ellen State CA Name of Additional Joint Inventor, If any: Given Name (first and middle [if any]) Jeffrey Inventor's Signature Residence: City San Marcos State CA Mailing Address 1280 Rock Springs Road, San Marcos, CA 920 Mailing Address 1280 Rock Springs Road, San Marcos, CA 920 City San Marcos State CA Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Ryan Inventor's Signature Residence: City San Diego State CA Mailing Address 8624 Lepus Road, San Diego, CA 92126 Mailing Address 8624 Lepus Road, San Diego, CA 92126	Given Name (first and middle [if any]) Kenneth Inventor's Signature Residence: City Glen Ellen State CA Count Mailing Address P. O. Box 151, Glen Ellen, CA 95442 City Glen Ellen State CA ZIP Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Jeffrey Ada Inventor's Signature Residence: City San Marcos State CA Count Mailing Address 1280 Rock Springs Road, San Marcos, CA 92069 Mailing Address 1280 Rock Springs Road, San Marcos, CA 92069 City San Marcos State CA Zip Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Ryan Inventor's Signature Given Name (first and middle [if any]) Ryan Inventor's Signature San Diego State CA Count Mailing Address 8624 Lepus Road, San Diego, CA 92126 Mailing Address 8624 Lepus Road, San Diego, CA 92126 Mailing Address 8624 Lepus Road, San Diego, CA 92126	Given Name (first and middle [if any]) Kenneth Valentine (Decease Inventor's Signature Residence: City Glen Ellen State CA Country USA Mailing Address P. O. Box 151, Glen Ellen, CA 95442 Mailing Address P. O. Box 151, Glen Ellen, CA 95442 City Glen Ellen State CA ZIP 95442 City Glen Ellen State CA ZIP 95442 City Glen Ellen State CA ZIP 95442 Given Name (first and middle [if any]) Adams Inventor's Signature San Marcos State CA Country USA Mailing Address 1280 Rock Springs Road, San Marcos, CA 92069 City San Marcos State CA Zip 92069 Name of Additional Joint Inventor, if any: A petition has been called the country USA Residence: City San Marcos State CA Zip 92069 Name of Additional Joint Inventor, if any: A petition has been called the country USA San Marcos State CA Zip 92069 Name of Additional Joint Inventor, if any: A petition has been called the country USA Mailing Address 8624 Lepus Road, San Diego, CA 92126 Mailing Address 8624 Lepus Road, San Diego, CA 92126 Mailing Address 8624 Lepus Road, San Diego, CA 92126 Mailing Address 8624 Lepus Road, San Diego, CA 92126	Given Name (first and middle [if any]) Kenneth Inventor's Signature Residence: City Gien Ellen State CA Country Mailing Address P. O. Box 151, Gien Ellen, CA 95442 Mailing Address P. O. Box 151, Gien Ellen, CA 95442 City Gien Ellen State CA Zip 95442 Cox Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Jeffrey Inventor's Signature Residence: City San Marcos State CA Country USA Mailing Address 1280 Rock Springs Road, San Marcos, CA 92069 City San Marcos State CA Zip 95442 Cox Adams Family Adams Country USA Mailing Address 1280 Rock Springs Road, San Marcos, CA 92069 City San Marcos State CA Zip 92069 Cox Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Ryan Inventor's Signature Residence: City San Diego State CA Country USA Shyffer Family Shyffer Inventor's Signature Residence: City San Diego State CA Country USA Residence: City San Diego CA CA Country USA				

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.